

Docket No. AUS920010299US1

CLAIMS:

What is claimed is:

1. A method, in a computer system, for monitoring data sent from a computer, comprising:
 - 5 detecting a request for an outgoing transfer of data from a program in the computer system to a destination; determining whether the destination is a trusted site; and
 - 10 performing a corrective action if the destination is not a trusted site.
2. The method of claim 1, wherein the step of determining whether the destination is a trusted site comprises matching the destination against a list of trusted sites.
- 15 3. The method of claim 1, wherein the corrective action comprises blocking the outgoing transfer.
4. The method of claim 1, wherein the corrective action comprises disabling the program.
5. The method of claim 1, wherein the step of
20 performing a corrective action comprises:
 - changing the destination of the outgoing transfer to the computer system; and
 - determining whether the program operates in response to the changed destination.

Docket No. AUS920010299US1

6. The method of claim 1, wherein the step of performing a corrective action comprises:
irreversibly encrypting the data; and
determining whether the program operates in response
5 to the encryption.
7. The method of claim 6, wherein the step of irreversibly encrypting the data comprises injecting random numbers into the data.
8. The method of claim 1, further comprising:
10 determining whether the amount of data for the outgoing transfer is uncharacteristically high; and
performing a corrective action if the amount of data is uncharacteristically high.
9. The method of claim 1, further comprising:
15 determining whether the data includes personal information; and
performing a corrective action if the data includes personal information.
10. The method of claim 9, wherein the step of
20 determining whether the data includes personal information comprises performing a text string search or binary pattern search on the data.
11. The method of claim 1, wherein the step of performing a corrective action comprises storing a log of
25 the outgoing transfer.

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Docket No. AUS920010299US1

12. The method of claim 11, wherein the step of storing a log of the outgoing transfer comprises storing the data.

13. The method of claim 11, further comprising
5 transferring the log to a remote computer.

14. A method, in a computer system, for monitoring data sent from a computer, comprising:

detecting a request for an outgoing transfer of data from a program in the computer system to a destination;

10 determining whether the amount of the data is uncharacteristically high; and

performing a corrective action if the amount of the data is uncharacteristically high.

15 15. The method of claim 14, wherein the corrective action comprises blocking the data transfer.

16. The method of claim 14, wherein the corrective action comprises disabling the program.

17. The method of claim 14, wherein the step of performing a corrective action comprises:
20 changing the destination of the outgoing transfer to the computer system; and
determining whether the program operates in response to the changed destination.

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Docket No. AUS920010299US1

18. The method of claim 14, wherein the step of performing a corrective action comprises:

irreversibly encrypting the data; and
determining whether the program operates in response
5 to the encryption.

19. The method of claim 18, wherein the step of irreversibly encrypting the data comprises injecting random numbers into the data.

20. The method of claim 14, further comprising:
10 determining whether the data includes personal information; and
performing a corrective action if the data includes personal information.

21. The method of claim 20, wherein the step of
15 determining whether the data includes personal information comprises performing a text string search or binary pattern search on the data.

22. The method of claim 14, wherein the step of performing a corrective action comprises storing a log of
20 the outgoing transfer.

23. The method of claim 22, wherein the step of storing a log of the outgoing transfer comprises storing the data.

24. The method of claim 22, further comprising
25 transferring the log to a remote computer.

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Docket No. AUS920010299US1

25. An apparatus for monitoring data sent from a computer system, comprising:

detection means for detecting a request for an outgoing transfer of data from a program in the computer system to a destination;

determination means for determining whether the destination is a trusted site; and

correction means for performing a corrective action if the destination is not a trusted site.

26. The apparatus of claim 25, wherein the determination means comprises means for matching the destination against a list of trusted sites.

27. The apparatus of claim 25, wherein the corrective action comprises blocking the outgoing transfer.

28. The apparatus of claim 25, wherein the corrective action comprises disabling the program.

29. The apparatus of claim 25, wherein the correction means comprises:

means for changing the destination of the outgoing transfer to the computer system; and

means for determining whether the program operates in response to the changed destination.

AUS920010299US1

Docket No. AUS920010299US1

30. The apparatus of claim 25, wherein the correction means comprises:

encryption means for irreversibly encrypting the data; and

5 means for determining whether the program operates in response to the encryption.

31. The apparatus of claim 30, wherein the encryption means comprises means for injecting random numbers into the data.

10 32. The apparatus of claim 25, further comprising:
means for determining whether the amount of data for the outgoing transfer is uncharacteristically high; and
means for performing a corrective action if the amount of data is uncharacteristically high.

15 33. The apparatus of claim 25, further comprising:
means for determining whether the data includes personal information; and
means for performing a corrective action if the data includes personal information.

20 34. The apparatus of claim 33, wherein the means for determining whether the data includes personal information comprises means for performing a text string search or binary pattern search on the data.

25 35. The apparatus of claim 25, wherein the step of performing a corrective action comprises storage means for storing a log the outgoing transfer.

AUS920010299US1

36. The apparatus of claim 35, wherein the storage means comprises means for storing the data.

38. An apparatus for monitoring data sent from a computer system, comprising:

10 determination means for determining whether the
amount of the data is uncharacteristically high; and
 correction means for performing a corrective action
if the amount of the data is uncharacteristically high.

40. The apparatus of claim 38, wherein the corrective action comprises disabling the program.

20 means for changing the destination of the outgoing transfer to the computer system; and

means for determining whether the program operates in response to the changed destination.

Docket No. AUS920010299US1

42. The apparatus of claim 38, wherein the correction means comprises:

encryption means for irreversibly encrypting the data; and

5 means for determining whether the program operates in response to the encryption.

43. The apparatus of claim 42, wherein the encryption means comprises means for injecting random numbers into the data.

10 44. The apparatus of claim 38, further comprising:

means for determining whether the data includes personal information; and

means for performing a corrective action if the data includes personal information.

15 45. The apparatus of claim 44, wherein the means for determining whether the data includes personal information comprises means for performing a text string search or binary pattern search on the data.

20 46. The apparatus of claim 38, wherein the correction means comprises storage means for storing a log the outgoing transfer.

47. The apparatus of claim 48, wherein the storage means comprises means for storing the data.

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Docket No. AUS920010299US1

48. The apparatus of claim 48, further comprising means for transferring the log to a remote computer.

49. A computer program product, in a computer readable medium, for monitoring data sent from a computer system,

5 comprising:

instructions for detecting a request for an outgoing transfer of data from a program in the computer system to a destination;

10 instructions for determining whether the destination is a trusted site; and

instructions for performing a corrective action if the destination is not a trusted site.

50. A computer program product, in a computer readable medium, for monitoring data sent from a computer system,

15 comprising:

instructions for detecting a request for an outgoing transfer of data from a program in the computer system to a destination;

20 instructions for determining whether the amount of the data is uncharacteristically high; and

instructions for performing a corrective action if the amount of the data is uncharacteristically high.

AUS920010299US1